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International Center for Integrated  
Water Resources Management  
under the auspices of UNESCO

# International Center for Integrated Water Resources Management (ICIWaRM): 2016 Fall Update

For the  
U.S. National Committee for the  
International Hydrological Programme  
16 November 2016, Keck Center, NAS

Bob Pietrowsky, Director  
Will Logan, Deputy Director

## ICIWaRM Participates in Meetings of UNESCO Category 2 Science Centers in Beijing and Koblenz

ICIWaRM attended two separate meetings of the UNESCO category 2 centers in May. Director Bob Pietrowsky represented the center at the inaugural meeting of the Directors of 47 UNESCO Category 2 Science and Water Centers from around the world, in Beijing, China on May 16-18. During the meeting, which involved over 100 participants, he chaired and/or moderated several working groups and reported at plenary sessions during the meeting.



Photo Credit: IKCEST

The centers worked together in support of UNESCO's efforts to address the post-2015 Sustainable Development Goals focusing on Poverty Reduction and Sustainable Development.

The meeting was hosted by the [International Knowledge Centre for Engineering Sciences and Technology \(IKCEST\)](#) and the [International Centre on Space Technologies for Natural and Cultural Heritage \(HIST\)](#) of China.

Deputy Director Will Logan attended a meeting of the Region 1 (Western Europe, US, Canada, Israel and Turkey) National Committees and Centers of the International Hydrological Program (IHP) in Koblenz, Germany, 24-25 May. Attendees worked to come to consensus on various IHP issues and began planning for a water diplomacy symposium in November to be hosted by the [International Centre for Water Cooperation](#) (Sweden), with participation from the [International Centre for Water Resources and Global Change](#) (Germany), [Centre for Water Law, Policy and Science](#) (Scotland), and ICIWaRM.

## IWR – ICIWaRM Enters into Partnership with the European Regional Centre for Ecohydrology in Poland

*Posted 7/1/2016*

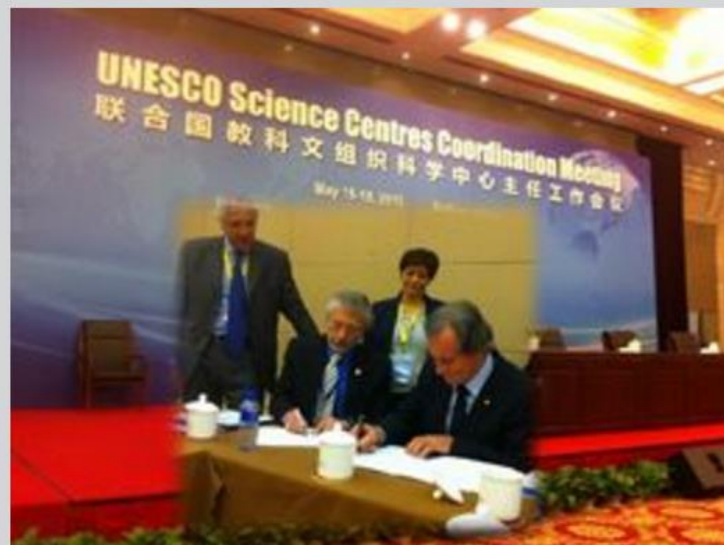


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ALEXANDRIA, VIRGINIA. – June 28, 2016. USACE IWR and ICIWaRM Director Bob Pietrowsky and Professor Maciej Zalewski, Director, European Regional Centre for

Photos

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Professor Maciej Zalewski (seated, right), Director, ERCE, Polish Academy of Sciences (Poland), and Robert Pietrowsky (seated, left), Director, USACE IWR & ICIWaRM, under the

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## ICIWaRM takes part in 10th World General Assembly International Network of Basin Organizations (INBO)

BY [WLOGAN](#) | [OCTOBER 7, 2016](#) | [UNCATEGORIZED](#)

ICIWaRM Director Bob Pietrowsky took part in the 10<sup>th</sup> World General Assembly of the [International Network of Basin Organizations](#) (INBO) in Merida, Mexico, June 1-4. Bob is a board member of the [North American Network of Basin Organizations](#) (NANBO), which is a regional network of INBO. NANBO, like INBO, promotes global management of water resources at the river basin level, bringing together citizens and government organizations in charge of the management of water resources and river basin management in Canada, Mexico and the United States.

Bob was a panelist in the session on Adaptation to Climate Change in Basins. His talk highlighted Collaborative Risk Informed Decision Analysis (CRIDA)—a bottom-up approach to integrated water resources management under multiple stressors, including climate change. He also described the [Shared Vision Planning](#) approach to water management, including stakeholder engagement, a comprehensive planning process and systems modeling.





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## G-WADI: Enhancing global capacity in water resources management for over a decade

25 October 2016



Participants gather for the opening session of the G-WADI Global Conference

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The Global Network on Water and Development Information for Arid Lands (G-WADI) celebrated a decade of achievements with an international conference entitled "G-WADI: More than a decade enhancing water and sustainable development for arid regions". The meeting took place on 25-27 October 2016 in Beijing, China.

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## Multi-Hazard “Tournament” Takes Place in UNESCO HELP basin in Iowa

BY WLOGAN | OCTOBER 7, 2016 | UNCATEGORIZED

UNESCO-IHP’s [Hydrology for the Environment, Life and Policy](#) (HELP) program is an approach to integrated catchment management through the creation of a framework and the provision of a platform for water law and policy experts, water resource managers and water scientists to work together on water-related problems. HELP involves a network involving 91 basins from 67 countries, including nine that are partly or entirely within the United States and Puerto Rico. One such HELP basin is the Iowa-Cedar river system of southern Minnesota and eastern Iowa, USA.



2008 Flooding in Cedar Rapids, Iowa, USA. Photo Credit:  
Iowa Civil Air Patrol

The river basin suffered major floods in 1993, 2008 and 2016, and severe droughts in 1988 and 2012. Recently water quality—in particular, nitrate—has become a major issue as well. To help bring stakeholders in the basin together, on September 1, 2016 the Institute for Water Resources and its partners, with partial support from ICIWaRM, recently held a “Multi-hazard Tournament” (MHT) in Cedar Rapids, IA. There were sixty participants from federal, state and local government, academia, non-governmental organizations and the agricultural sector.

An MHT is a table-top or simulation exercise designed to aid decision-making by playing out potential strategies to reduce drought, flood risk, and/or other water-related risks. It creates a fun but competitive, team-centered learning environment that educates stakeholders on the



# Introducing Shared Vision Planning to the Dominican Republic

Posted 10/4/2016



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ALEXANDRIA, VIRGINIA. This summer a team from the USACE's Institute for Water Resources (IWR) comprised of Drs. William Logan, Jennifer Olszewski, and Guillermo Mendoza, led a training workshop in the Dominican Republic to help prepare a project management plan (PMP) using a Shared Vision Planning (SVP) process for the city of Santiago de Caballeros. SVP integrates traditional water resources planning processes with structured public participation and collaborative computer modeling.

The engagement included CORASAAN (Corporación del Acueducto y Alcantarillado de Santiago, the city

Photos

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Dominican PMP team members with IWR's Dr. Guillermo Mendoza (center) viewing the prioritized list of the most important problems facing the upper, middle, and lower sub-basins within the Yaque del Norte basin. (Photo by Jennifer Olszewski, IWR USACE)

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# Transitions: JDP to GWP

## Dr. Delli Priscoli's Legacy and the U.S. Army Corps of Engineers

Posted 10/28/2016



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ALEXANDRIA, VIRGINIA. On July 13, 2016, colleagues and friends gathered in honor of Dr. Jerome (Jerry) Delli Priscoli's retirement from 41 years of government service. At the forefront of national and international public policy concerning water, Delli Priscoli served as a Senior Advisor at the U.S. Army Corps of Engineers Institute for Water Resources as a senior facilitator on the international circuit. He is recognized for his contributions to water resources policy and governance, and water security.

Photos

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# Transitions: Aleix Serrat Capdevila from Arizona to World Bank



**THE WORLD BANK**